

JAN 28 1982

U.S. DEPARTMENT OF LABOR

Form No. LSH-OOS-4
May 1969

WAGE AND LABOR STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

(BULK)

SECTION I

MANUFACTURER'S NAME WD-40 Company		EMERGENCY TELEPHONE NO. 714/275-1400
ADDRESS (Number, Street, City, State, and ZIP Code) 1061 Cudahy Pl., San Diego, California 92110		
CHEMICAL NAME AND SYNONYMS Organic Mixture		TRADE NAME AND SYNONYMS WD-40 bulk liquid.
CHEMICAL FAMILY	FORMULA	

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	Not applicable		BASE METAL	Not applicable	
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Aliphatic petroleum distillates (Stoddard Solvent) *				Over 70	500ppm
Petroleum Base Oil (CAS Registry #8012-95-1)				Over 20	
Proprietary corrosion inhibitors, rust preventatives, wetting agents (none of which constitute any special hazard from a toxicity or handling standpoint).				Balance	

SECTION III PHYSICAL DATA

BOILING POINT (°F.) (initial minimum)	300° F.	SPECIFIC GRAVITY (H ₂ O=1)	.800 @ 70° F.
VAPOR PRESSURE (mm Hg.)	not determined *	PERCENT VOLATILE BY VOLUME (%)	74%
VAPOR DENSITY (AIR=1)	greater than 1	EVAPORATION RATE (_____=1)	*
SOLUBILITY IN WATER	Insoluble (forms unstable emulsion)		
APPEARANCE AND ODOR	Slightly cloudy, light amber liquid, slight characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Tag Open Cup 110° F. (Minimum)	FLAMMABLE LIMITS *	LeI	UeI
EXTINGUISHING MEDIA CO ₂ , Dry Chemical, Foam			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

* ASTM D 235 "Petroleum Spirits"
CAS Registry # 8032-32-4

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 500 PPM

EFFECTS OF OVEREXPOSURE Same as Stoddard Solvent

EMERGENCY AND FIRST AID PROCEDURES

Treat as for Stoddard Solvent

SECTION VI REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Treat as for Stoddard Solvent

WASTE DISPOSAL METHOD

Treat as for Stoddard Solvent

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

None required

SPECIAL

None required

MECHANICAL (General)

None required

OTHER

None required

PROTECTIVE GLOVES

None required.

EYE PROTECTION

None required

OTHER PROTECTIVE EQUIPMENT

None required

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep from open flame. Do not take

internally. Avoid excessive inhalation of spray particles.

OTHER PRECAUTIONS